

# STIC Search Report

# STIC Database Tracking Number: 119908

TO: Jack Berman Location: JEF- 2A01

**Art Unit: 2881** 

Wednesday, April 21, 2004

Case Serial Number: 09/432984

From: Darcy Bates Location: EIC 2800

JEF- 4B68

Phone: 571-272-2540

darcy.bates@uspto.gov

# Search Notes

Re: 09/432,984 US 5,696,375

Attached are search results.

No U. S. litigation was found in searches of Lexis-Nexis and Questel-Orbit databases.

If more searching or explanation is needed, please let me know.

Thanks, Darcy Bates



o PALM INTRANET

Day: Wednesday Date: 4/21/2004 Time: 09:04:47

### **Application Number Information**

Application Number: 09/432984 Assignments

Examiner Number: 59199 / BERMAN, JACK

Filing Date: 11/02/1999

Group Art Unit: 2881

Effective Date: 11/02/1999

Class/Subclass: 250/287.000

Application Received: 11/02/1999

Lost Case: NO

Patent Number:

Interference Number:

Issue Date: 00/00/0000

Unmatched Petition: NO

Date of Abandonment: 00/00/0000

L&R Code: Secrecy Code:1

Attorney Docket Number: 140-032

Third Level Review: NO

Secrecy Order: NO Status Date: 09/25/2003

Status: 90 /ALLOWED -- NOTICE OF ALLOWANCE NOT YET MAILED

Oral Hearing: NO

Confirmation Number: 1878

Title of Invention: MULTIDEFLECTOR

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09432984	28U4	04/13/2004	28X1	BERMAN, JACK	WESTIN,EDWARD	JEF/08/D 65

Appln   Contents   Petition Info   Atty/Agent.Info   Continuity Data   Foreign Data   Inventors   Address   Fees   Post Info   Pre Gran	t Pub
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PCT / Search or PG PUBS # Search	
Attorney Docket # Search	
Bar Code # Search	

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Day: Wednesday Date: 4/21/2004 PALM INTRANET Time: 09:05:23 **Continuity Information for 09/432984 Parent Data** 09432984 is a reissue of <u>08560396</u> **Child Data** 10351965 is a continuation of 09432984 Continuity Foreign Data Inventors Address Fees Post Info Pre Grant Pub Appin info Contents Petition info Atty/Agent Info Data Search Another: Application# [ or Patent# ┌ Search Search PCT/ or PG PUBS # [ Search Search Attorney Docket # [ Search Bar Code # □ Search To go back use Back button on your browser toolbar.

4/21/04 9:05 AM

PALM INTRANET

Day: Wednesday Date: 4/21/2004 Time: 09:05:30

### **Application Number Information**

Application Number: 08/560396 Assignments

Filing Date: 11/17/1995 Effective Date: 11/17/1995

Application Received: 11/17/1995

Patent Number: <u>5696375</u> Issue Date: <u>12/09/1997</u>

Date of Abandonment: 00/00/0000 Attorney Docket Number: 140-012

Status: 150 /PATENTED CASE Confirmation Number: 6289

Title of Invention: MULTIDEFLECTOR

Examiner Number: 59199 / BERMAN, JACK

Group Art Unit: 2878

Class/Subclass: 250/287.000

Lost Case: NO
Interference Number:

Unmatched Petition: NO L&R Code: Secrecy Code:1

Third Level Review: NO Secrecy Order: NO

Status Date: 03/21/2002

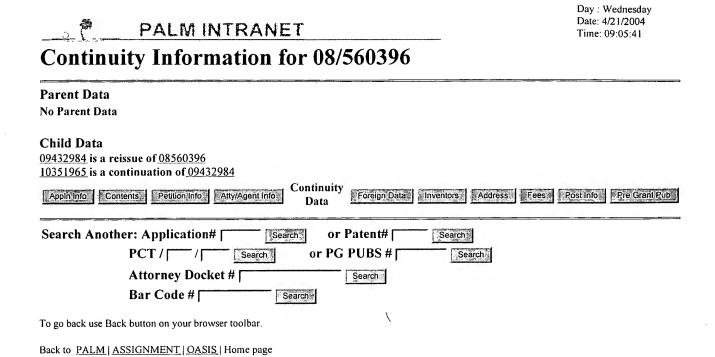
Oral Hearing: NO

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
08560396	28U4	04/13/2004	28X1	BERMAN, JACK	WESTIN,EDWARD	JEF/08/D 65

Appln   Contents   Petition Info   Atty/Agent Info   Continuity Data   Foreign Data   Inventors   Address   Fees   Post Info   Pre Grant Pub
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Attorney Docket # Search Search Search

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Day: Wednesday Date: 4/21/2004 Time: 09:05:48

### Application Number Information

Application Number: 10/351965 Assignments

Examiner Number: 00000 /

Filing Date: 01/27/2003

Group Art Unit: 2878

Effective Date: 01/27/2003

Application Received: 01/28/2003

Class/Subclass: 250/.

Patent Number:

Lost Case: NO

Issue Date: 00/00/0000

Interference Number:

Date of Abandonment: 00/00/0000

Unmatched Petition: NO

Attorney Docket Number: 140-091

L&R Code: Secrecy Code:1

Third Level Review: NO Status: 18 / APPLICATION RETURNED BACK TO PREEXAM

Secrecy Order: NO Status Date: 10/15/2003

Confirmation Number: 6102

Oral Hearing: NO

Title of Invention: MULTIDEFLECTOR

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
Appln Info	ntents Petition Info Al	ty/Agent info	iity Data, Foreign Date	a Inventors Address	Fees Post Info	Pre Grant Pub
Search And	other: Application# PCT / / / / Attorney Dock Bar Code # /	Search	or Patent# Tor PG PUBS # To Search	Search		

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Day : Wednesday

PALM INTRANET				Date: 4/21/2004 Time: 09:06:00		
Continuity	Information for I					
Parent Data 10351965 is a continuation of 094 Which is a reissue of 08						
Child Data No Child Data Application Contents	Potition Info Attu/Agent Info	inuity Ata Foreign Data	Inventors Address	Fees: Post Info Pre Grant Pub		
		or Patent# r PG PUBS # Search	Search			
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# Litigation involving patent 5,696,375

Click on the docket number to view the docket. Click on the above patent number to view the patent.

Docket Case Heading Date Filed Date Retryd

There are no cases involving this patent number.

Source: <u>Legal</u> > <u>Area of Law - By Topic</u> > <u>Patent Law</u> > <u>Patents</u> > <u>U.S. Patents</u> > <u>Utility Patents</u>

Terms: patno=5696375 (Edit Search)

560396 (08) 5696375 December 9, 1997

### UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

### 5696375

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### Link to Claims Section

December 9, 1997

### Multideflector

**EXPIRATION:** December 9, 2001 - Dec. 9, 2001 due to failure to pay maintenance fees

March 22, 2002 - REINSTATED due to acceptance of delayed payment of maintenance fee (O.G. April 23, 2002)

**REISSUE:** Reissue Application filed Nov. 2, 1999 (O.G. May 2, 2000) Ex. Gp.: 3711; Re. S.N. 09/432,984, (O.G. May 2, 2000) January 27, 2003 - Reissue Application filed Ex. Gp.: 2878; Re. S.N. 10/351,965 (O.G. April 22, 2003)

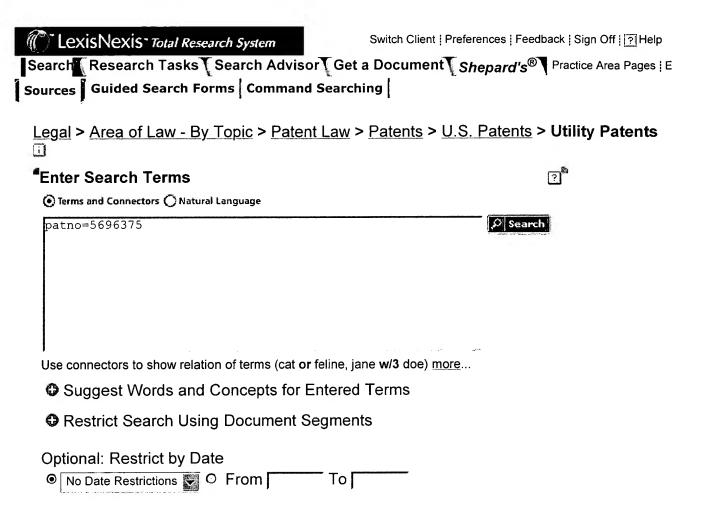
**INVENTOR:** Park, Melvin - Nashua, New Hampshire, United States (US); Koster, Claus - Lilienthal, Germany (DE)

**APPL-NO:** 560396 (08)

FILED-DATE: November 17, 1995

**GRANTED-DATE:** December 9, 1997

**ASSIGNEE-AT-ISSUE:** Bruker Analytical Instruments, Inc., Billerica, Massachusetts, United States (US), 02



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Search statement

Query/Command: us5696375/pn

#### \*\* SS 1: Results 1

Search statement

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1 / 1 PLUSPAT - @OUESTEL-ORBIT - image

PN -US5696375 A 19971209 [US5696375]

TI -(A) Multideflector

PA -(A) BRUKER ANALYTICAL INSTR INC (US)

Bruker Analytical Instruments, Inc., Billerica MA [US] PA0 -

(A) PARK MELVIN (US); KOESTER CLAUS (DE) IN -

AP -US56039695 19951117 [1995US-0560396] US56039695 19951117 [1995US-0560396]

PR -

IC -(A) H01J-049/28 H01J-049/40

EC -H01J-049/40

H01J-049/48C

ICO -T01J-249/40P2A

PCL - ORIGINAL (0): 250287000; CROSS-REFERENCE (X): 250294000

DT - Basic

CT - US5117107; US5194732

STG -(A) United States patent

A method and apparatus to direct ions away from their otherwise AB intended or parallel course. Deflectors are used to establish electric fields in regions through which ions are to pass. With such electric fields, ions may be deflected to a desired trajectory. According to the present invention, a multideflector, in the form of a series of bipolar plates spaced evenly across the ion beam path, is used as an ion deflector.

1 / 1 LGST - ©EPO

PN -US5696375 A 19971209 [US5696375]

US56039695 19951117 [1995US-0560396]

ACT -19980417 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,;

EFFECTIVE DATE: 19960328

19980417 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328

19980417 US/AS02-A

ASSIGNMENT OF ASSIGNOR'S INTEREST

OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330

20000502 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 19991102

20020212 US/FP-A [-]

EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE

EFFECTIVE DATE: 20011209

20020423 US/PRDP-A [+]

PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE

EFFECTIVE DATE: 20020318

20030422 US/RF-A

REISSUE APPLICATION FILED EFFECTIVE DATE: 20030127

EFFECTIVE DATE: 200301

**UP** - 2003-22

1 / 1 CRXX - @CLAIMS/RRX

**AN** - 2916736

PN - 5,696,375 A 19971209 [US5696375]
PA - Bruker Analytical Instruments Inc

PT - E (Electrical)

ACT - 19980417 REASSIGNED

ASSIGNMENT OF ASSIGNORS INTEREST

Assignor: PARK, MELVIN DATE SIGNED: 03/28/1996

KOSTER, CLAUS DATE SIGNED: 03/30/1996

Assignee: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,

MANNING PARK BILLERICA MASSACHUSETTS 01821

Reel 009131/Frame 0635

Contact: WARD & OLIVO JOHN W. OLIVO, JR. 708 THIRD AVENUE NEW

YORK, NY 10017

19991102 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20000502

REISSUE REQUEST NUMBER: 09/432984

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3711

Reissue Patent Number:

20020212 EXPIRED (20011209)

20020423 REINSTATED (20020322)

20030127 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20030422
PETSSUE PROUEST NUMBER: 10/3519

REISSUE REQUEST NUMBER: 10/351965

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2878

Reissue Patent Number:

**UP** - 1999-00 **UACT-** 2003-04-22 Query/Command: fam us5696375/pn 1 Patent Groups \*\* SS 2: Results 1 Search statement 3 Query/Command : famstate nonstop 1 / 1 PLUSPAT - @QUESTEL-ORBIT - image PN - US5696375 A 19971209 [US5696375] STG - (A) United States patent TI - (A) Multideflector PA -(A) BRUKER ANALYTICAL INSTR INC (US) PAO - Bruker Analytical Instruments, Inc., Billerica MA [US] IN - (A) PARK MELVIN (US); KOESTER CLAUS (DE) IC -(A) H01J-049/28 H01J-049/40 US56039695 19951117 [1995US-0560396] US56039695 19951117 [1995US-0560396] AP -PR -EC -H01J-049/40 H01J-049/48C ICO -T01J-249/40P2A PCL - ORIGINAL (O): 250287000; CROSS-REFERENCE (X): 250294000 DT - Basic 1 / 1 LEGALI - ©EPO PN - US5696375 A 19971209 [US5696375] AP - US56039695 19951117 [1995US-0560396] ACTE-19980417 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: BRUKER ANALYTICAL INSTRUMENTS, INC. FORTUNE DRIVE,; EFFECTIVE DATE: 19960328 19980417 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: PARK, MELVIN; EFFECTIVE DATE: 19960328 19980417 US/AS02-A ASSIGNMENT OF ASSIGNOR'S INTEREST OWNER: KOSTER, CLAUS; EFFECTIVE DATE: 19960330 20000502 US/RF-A REISSUE APPLICATION FILED EFFECTIVE DATE: 19991102 20020212 US/FP-A [-] EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE EFFECTIVE DATE: 20011209 20020423 US/PRDP-A [+] PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE

20030422 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20030127
UP - 2003-22

EFFECTIVE DATE: 20020318

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Terms and Connectors					
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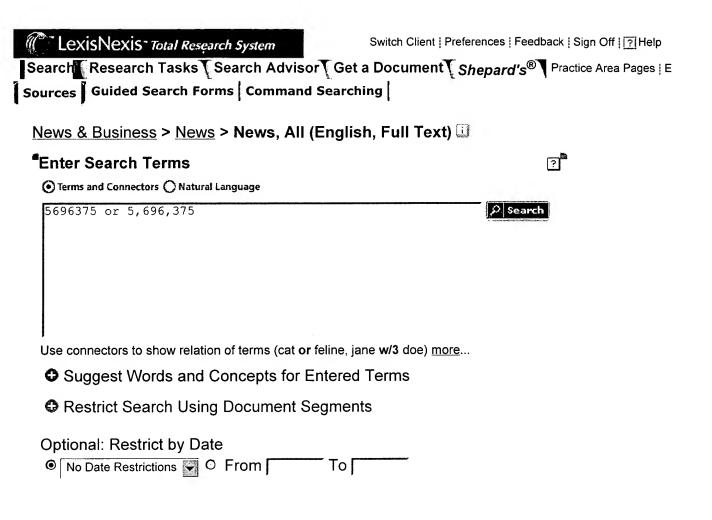
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